

# THE INCIDENCE OF CANINE PARVOVIRAL ENTERITIS IN NAM THUY VETERINARY CLINIC OF DONG THAP PROVINCE

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Summary

The study was performed to determine the incidence of *Canine Parvovirus* (CPV) infection in dogs from 1 month to 12 months of age with bloody diarrhea at Nam Thuy Veterinary Clinic in Dong Thap province from January to May, 2018. CPV disease was determined using the CPV – Ag Rapid test kit (Bionote Company). The therapeutic efficacy of dogs with positive CPV Ag test results was evaluated. Dogs were monitored for disease such as hypothyroidism, dehydration, diarrhea, blood loss, fecal status, and progression of the disease. The treatment was carried followed by drug administration, treatment period from 5 to 7 days. The treated efficacy was examined through surviving dogs and their recovery. The result showed that the 13 out of 37 dogs were positive with CPV antigen (35.14%). The proportion of infected dogs aged from 1 to 3 months of age had a higher incidence rate than those from 6 to 12 months of age (61.54% vs 7.69%) and there is statistically significant difference. The CPV disease was independent on breed and sex of dogs. The vaccinated dogs were infected with CPV lower than unvaccinated dogs (7.69% vs 92.31%). The treated efficacy of CPV was 53.85%.

**Keywords:** *Dog, diarrhea, infection rate, CPV Ag test, treatment, Dong Thap.*